

What is claimed is:

1. A radio reception apparatus comprising:

detecting means for detecting a reception signal spread/modulated using a specific spreading code from the reception signal; and

an interference canceller that performs interference canceller processing on the detected reception signal.

2. The radio reception apparatus according to claim 1, wherein the detecting means measures the reception level of the reception signal and extracts the reception signal spread/modulated using a specific spreading code from this measurement result.

3. A radio reception apparatus comprising:

reception level measuring means for measuring the reception level of a reception signal spread/modulated using a spreading code;

controlling means for controlling execution/non-execution of interference canceller processing according to said reception level; and

an interference canceller that eliminates the interference component from said reception signal when said interference canceller processing is performed.

4. The radio reception apparatus according to claim 3, wherein when the reception level of said reception signal exceeds a predetermined threshold, interference canceller processing is performed on said reception signal.

5. The radio reception apparatus according to claim 3, wherein when said reception signal is a packet signal, control of execution/non-execution of said interference canceller processing is started at timing at which said packet signal is received.

6. The radio reception apparatus according to claim 3, wherein when said reception signal is a packet signal, control of execution/non-execution of said interference canceller processing is started when a predetermined time has passed after the transmission timing of a control signal sent before said packet signal is transmitted.

7. A communication terminal apparatus equipped with a radio reception apparatus, said radio reception apparatus comprising:

detecting means for detecting a reception signal spread/modulated using a specific spreading code from the reception signal; and

an interference canceller that performs interference canceller processing on the detected reception signal.

8. A base station apparatus equipped with a radio reception apparatus, said radio reception apparatus comprising:

detecting means for detecting a reception signal spread/modulated using a specific spreading code from the reception signal; and

an interference canceller that performs

interference canceller processing on the detected reception signal.

9. A radio reception method comprising the steps of:

5       measuring the reception level of a reception signal spread/modulated using a spreading code;

performing interference canceller processing on said reception signal when the reception level of said reception signal exceeds a predetermined threshold and  
10       eliminating the interference component from said reception signal, wherein when said reception signal is a packet signal, measurement of the reception level of said reception signal is started at timing at which said packet signal is received.

15       10. A radio reception method comprising the steps of:

measuring the reception level of a reception signal spread/modulated using a spreading code;  
performing interference canceller processing on said  
20       reception signal when the reception level of said reception signal exceeds a predetermined threshold and eliminating the interference component from said reception signal, wherein when said reception signal is a packet signal, measurement of the reception level of  
25       said reception signal is started when a predetermined time has passed after the transmission timing of a control signal sent before said packet signal is transmitted.